

**Table C8. Total petroleum hydrocarbon concentration (µg/g wet wt.) found in the soil SRM, Environmental Resource Associates Standard 765 (#2 Diesel in Soil).**

Sample ID	Batch	Concentration TPH <sup>1</sup>
897081118	1	1020
998021030	2	834
1098032331	3	534
1198082518	4	862
1198082519	4	896
1198082517	4	35 <sup>4</sup>
Mean		829
Standard Deviation		180
%RSD <sup>2</sup>		21.7
Certified Value		1420
RPD <sup>3</sup>		41.6

<sup>1</sup> Concentration of total petroleum hydrocarbons (TPH) was calculated with respect to the Restek Diesel Fuel Oil #2 Standard (Cat. No. 31233) using the sum of the areas of all the peaks minus the internal standard peak areas from the chromatograms of the SRM extract and known amount of the oil standard.

<sup>2</sup> Percent relative standard deviation.

<sup>3</sup> Relative percent difference =  $100 * (\text{certified value} - \text{lab mean}) / \text{certified value}$ .

<sup>4</sup> Value is suspected outlier and is not included in any calculations